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Harriet-Straub-Strasse 23, 79100 Freiburg (DE). **VIN-  
CENZI, Cornelia** [DE/DE]; Hauptstrasse 120 A, 79650  
Schopfheim (DE). **DANNACHER, Josef** [CH/CH]; Peter  
Ochs-Strasse 33, CH-4059 Basel (CH).

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(74) Common Representative: **CIBA SPECIALTY CHEM-  
ICALS HOLDING INC.**; Klybeckstrasse 141, CH-4057  
Basel (CH).

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(71) Applicant (*for all designated States except US*): **CIBA  
SPECIALTY CHEMICALS HOLDING INC.** [CH/CH];  
Klybeckstrasse 141, CH-4057 Basel (CH).

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(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **SCHLINGLOFF**,  
Gunter [CH/CH]; Rütiring 23, CH-4125 Riehen  
(CH). **WIEPRECHT, Torsten** [DE/DE]; Rebacker 52,  
79650 Schopfheim (DE). **HEINZ, Uwe** [DE/DE]; Re-  
hwinkel 2, 66740 Saarlouis (DE). **SCHNEIDER, Albert**  
[DE/DE]; Bläserstrasse 68, 79576 Weil am Rhein (DE).  
**DUBS, Marie-Josée** [FR/FR]; 49, rue Jean-Jacques  
Henner, F-68130 Wittersdorf (FR). **BACHMANN**,  
Frank [DE/DE]; Pochgasse 25, 79104 Freiburg (DE).  
**HAZENKAMP, Menno** [NL/CH]; Obere Weid 10,  
CH-4125 Riehen (CH). **EHLIS, Thomas** [DE/DE];

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(57) Abstract: Use of metal complex compounds of formula (1) and/or (1')  $[L_nMe_mX_p]^+Y_q$  (1),  $[L'_nMe'_mX'_p]^+Y'_q$  (1'), wherein all  
substituents are as defined in the claims, as catalysts for oxidation reactions, and also novel metal complex compounds and novel  
ligands.